# Historic, Archive Document

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62,23 QUA JAN 29 1937 . S. Department of Agriculta 1937 BLOOD **TELLS** 

PEAS-CORN-BEANS



# Scientific Research...

Of ever increasing importance are the Laboratory and the Greenhouse where year around experiments can be made with the object of developing disease-free or resistant strains of peas, beans, and corn—so necessary to the production of quality seeds.

This department is being most capably handled by Dr. M. E. Anderson, Plant Pathologist, who received his degree and initial training at the University of Wisconsin at Madison, and Dr. A. L. Harrison, who has specialized in bean diseases, and whose degree was acquired at Cornell University of Ithaca, N. Y.

# PEAS — GARDEN

\*ALDERMAN (TELEPHONE)

Vine: 40 in. dk. heavy

Pod:  $4\frac{1}{2}$  in. dk. ptd.

Seed: very large wrinkled

Season: 72 days

AMERICAN WONDER

Vine: 12 in. dk. coarse

Pod: 2½ in. light blunt

Seed: med. large wrinkled

Season: 60 days

\*BLISS EVERBEARING

Vine: 26 in. dk. heavy

Pod: 3 in. light blunt

Seed: very large wrinkled

Season 80 days

\*CHAMPION OF ENGLAND

Vine: 4 ft. light med.

Pod: 3 in. light blunt

Seed: very large wrinkled

Season: 80 days

**DUPLEX** 

Vine: 24 in. dk.

Pod: 3<sup>3</sup>/<sub>4</sub> in. dk. double

Seed: very large wrinkled

Season: 78 days

\*DWARF TELEPHONE (DAISY)

Vine: 2 ft. light heavy

Pod:  $4\frac{1}{2}$  in. light ptd.

Seed: very large wrinkled

Season: 75 days

GRADUS (EX. EARLY)

Vine: 2 ft. light med.

Pod: 4 in. dk. ptd.

Seed: large wrinkled Season: 60 days

GRADUS (IMPROVED)

Vine: 3 ft. light med.

Pod: 4 in. dark ptd.

Seed: large wrinkled Season: 65 days

HUNDREDFOLD

Vine: 18 in. dk. heavy

Pod: 4 in. dk. ptd.

Seed: large wrinkled Season: 65 days

LAXTONIAN

Vine: 15 in. dk. heavy

Pod:  $4\frac{1}{2}$  in. dk. ptd.

Seed: large wrinkled Season: 67 days

LITTLE MARVEL

Vine: 18 in. dk. med.

Pod: 3 in. dk. blunt

Seed: large wrinkled Season: 63 days

LAXTON'S PROGRESS

Vine: 15 in. dk. heavy

Pod:  $4\frac{1}{2}$  in. dk. ptd.

Seed: large wrinkled Season: 64 days

MAM. POD. EXTRA EARLY

Vine: 30 in. med. heavy

Pod: 3-31/4 in. med. gr. blunt

Seed: large smooth oval

Season: 60 days

NOTT'S EXCELSIOR

Vine: 14 in. dark slim Pod: 2<sup>3</sup>/<sub>4</sub> in. light blunt

Seed: med. large wrinkled

Season: 59 days

ONWARD

Vine: 2 ft. light heavy

Pod: 3½ in. dk. blunt

Seed: large wrinkled Season: 70 days

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# PEAS - GARDEN

#### PETER PAN

Vine: 18 in. light heavy

Pod: 4 in. dk. ptd.

Seed: large wrinkled

Season: 67 days

ROGERS G.O.P. (GRAND OLD POD)

Vine: 24-28 in. dk. coarse

Pod: 5 in. dk. ptd.

Seed: very large wrinkled

Season: 72 days

\*ROGERS DWARF ALDERMAN

Vine: 20 in. dk. heavy Pod:  $4\frac{1}{2}$  in. dk. ptd.

Seed: very large wrinkled

Season: 72 days

ROGERS PREMIER

Vine: 22 in. medium

Pod: 23/4 in. light blunt

Seed: med. large wrinkled

Season: 60 days

\*ROGERS GILBO

Vine: 24-28 in. dk. heavy Seed: very large wrinkled Pod:  $4\frac{1}{2}$ -5 in. dk. ptd. Season: 69 days



ROGERS GIANT PODDED HAMPER

# PEAS - GARDEN



ROGERS DWARF ALDERMAN

#### \*ROGERS No. 95 ICER

Vine: 2 ft. coarse dk.

Pod: 4½-5 in. dk. ptd.

Seed: very large wrinkled

Season: 74 days

#### ROGERS PROFIT MAKER

Pod: 5-5½ in. dk. ptd.

Vine: 20 in. very robust Seed: large green wrinkled Pod:  $5-5\frac{1}{2}$  in. dk. ptd. Season: 72 days

#### ROGERS DARK PODDED DWARF TELEPHONE

Vine: 28 in. heavy dk.

Pod: 4½ in. dk. ptd.

Seed: large green wrinkled

Season: 75 days

#### ROGERS GIANT PODDED HAMPER

Vine: 22 in. dk. heavy Pod: 4½-5 in. dk. ptd. Seed: large wrinkled

Season: 65 days

#### \*STRATAGEM

Vine: 2 ft. dk. heavy Pod:  $4\frac{1}{2}$  in. dk. ptd. Seed: very large wrinkled Season: 83 days

# PEAS — GARDEN

#### SUTTON'S EXCELSIOR

Vine: 18 in. dk. heavy Seed: large write Pod: 3½ in. light blunt Season: 67 days

Seed: large wrinkled

#### THOMAS LAXTON

Vine: 2½ ft. dk. med. Pod: 3½ in. dk. blunt

Seed: large wrinkled

Season: 62 days

#### \*WORLDS RECORD

Vine: 24 in. light med. Seed: large wrinkled Pod:  $3\frac{1}{2}$  in. dk. ptd. Season: 59 days

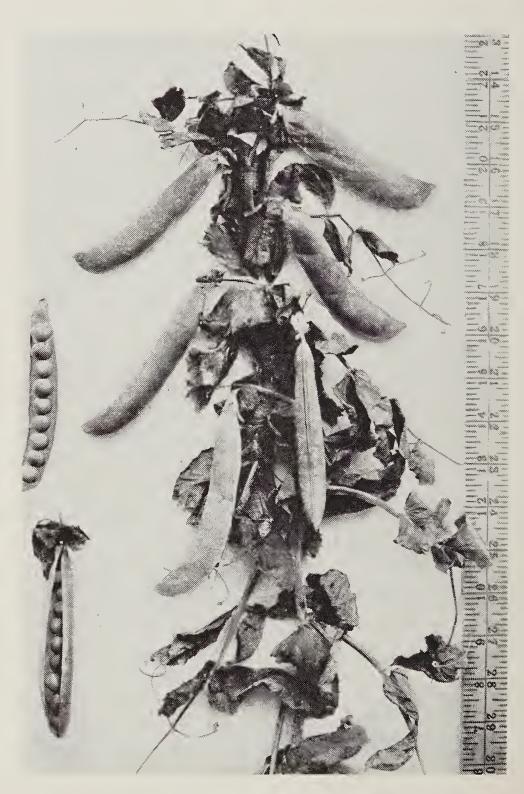
Pod:  $3\frac{1}{2}$  in. dk. ptd.

Season: 59 days

#### \*ALASKA

Vine: 28 in. light slim Vine: 28 in. light slim Seed: med. smooth Pod: 2½ in. light blunt Season: 58 days

Seed: med. smooth



ROGERS PROFIT MAKER

# PEAS — GARDEN



ROGERS GILBO

#### AMEER (CLAUDIT)

Vine: 30 in. dk. med. Pod: 3 in. dk. ptd.

BRITISH LION

Vine: 3 ft. light heavy Pod: 3<sup>3</sup>/<sub>4</sub> in. dk. ptd.

LAXTON'S SUPERB

Vine: 18 in. light coarse

Pod: 4 in. dk. ptd.

MARROWFAT (White)

Vine: 4 ft. dk. coarse Pod: 2<sup>3</sup>/<sub>4</sub> in. light blunt

PILOT

Vine:  $2\frac{1}{2}$  ft. light med.

Pod:  $3\frac{1}{2}$  in. dk. ptd.

PRIDE OF THE MARKET

Vine: 20 in. light heavy

Pod: 4 in. dk. ptd.

Seed: large smooth Season: 60 days

Seed: large smooth Season: 73 days

Seed: large, smooth, oval

Season: 60 days

Seed: large smooth Season: 81 days

Seed: large, smooth, oval

Season: 62 days

Seed: large, smooth Season: 77 days

# PEAS - GARDEN

PED. EX. EARLY (1st & Best)

Vine: 2 ft. light slender Pod: 2½ in. light blunt

Seed: medium, smooth

Season: 58 days

\*TOM THUMB

Vine: 20 in. dk. med. Seed: medium smooth Pod:  $2\frac{1}{2}$  in. light blunt Season: 74 days

# SUGAR OR EDIBLE POD PEAS

\*DWARF GREY

Vine: 2 ft. dk. med. Vine: 2 ft. dk. med. Seed: smooth, sr Pod: 2<sup>3</sup>/<sub>4</sub> in. light ptd. Season: 62 days

Seed: smooth, small, grey

\*GIANT LUSCIOUS

Vine:  $4\frac{1}{2}$  ft. light coarse Seed: large, smooth, grey Pod: 5 in. light broad blunt Season: 80 days

\*MAMMOTH MELTING

Pod: 4 in. light blunt

Vine:  $4\frac{1}{2}$  ft. light heavy Seed: large, smooth, white Pod: 4 in. light blunt Season: 84 days

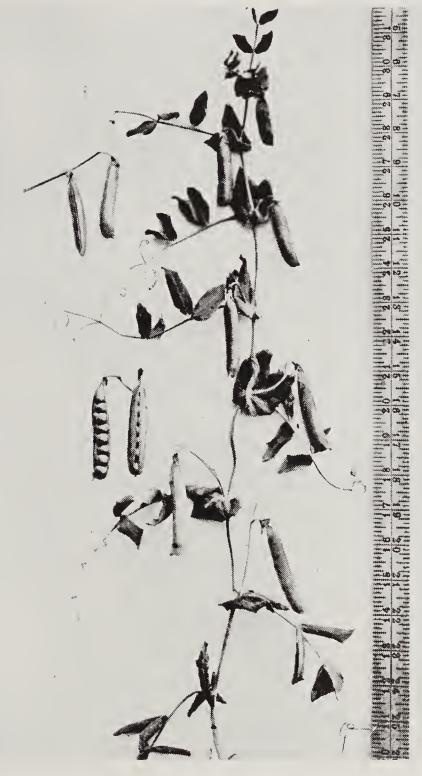
\*DWARF WHITE

Vine: 2 ft. light, med. Seed: smooth white Pod:  $2\frac{1}{2}$  in. light ptd. Season: 63 days



ROGERS No. 95 ICER

# PEAS — CANNING



ROGERS ACE

#### \*ROGERS ACE

Vine: 32 in. med. dk. Pod: 2½ in. light blunt Season: 60 days

double

Seed: med. wrinkled

#### \*ROGERS ALASKA

Vine: 28 in. light, slim

Pod: 2½ in. light, blunt

Seed: med. smooth Season: 58 days

#### \*ROGERS CLIMAX

Vine: 3 ft. med. dark, slen-

Pod: 23/4 in. light, blunt,

mostly double

#### Seed: med. wrinkled Season: 68 days

#### ROGERS CHIEF

Vine: 3 ft. med. heavy dk. Pod: 23/4 in. blunt, light

Seed: med. wrinkled Season: 65 days

# PEAS - CANNING

#### ROGERS DELICIOUS

Vine: 20 in. dk. fairly

heavy

Pod:  $3\frac{1}{2}$  in. light, mostly

double

Seed: med. wrinkled

Season: 68 days

#### ROGERS FAMOUS

Vine: 24 in. fairly heavy,

med. dk.

Pod: 31/4 in. light, blunt,

double

Seed: med. wrinkled Season: 74 days

#### \*ROGERS GREEN ADMIRAL

Vine: 3 ft. dk. slim

Pod: 3 in. light, blunt,

single

Seed: Small, wrinkled Season: 72 days



ROGERS CHIEF

# PEAS — CANNING



#### ROGERS CLIMAX

# \*ROGERS EARLY KAY

Vine: 32 in. med. dk.

Pod:  $2\frac{1}{2}$  in. blunt, light,

many double

Seed: small, green,

wrinkled

Season: 60 days

#### \*ROGERS KAY

Vine: 32 in. slim, med. dk. Seed: small, wrinkled Pod:  $2\frac{1}{2}$  in. light, blunt, Season: 70 days

double

#### ROGERS PERFECTION

Vine: 28 in. fairly heavy,

med. dk.

Pod: 3½ in. light, blunt,

double

#### Seed: med. wrinkled Season: 70 days

#### **ROGERS WINNER**

Vine: 30 in. slim, light Pod: 2 in. small, blunt

Seed: very small, smooth Season: 58 days

# PEAS — CANNING

#### \*ALASKA (W. R.)

Vine: 28 in. light, slim Seed: med. smooth Pod:  $2\frac{1}{2}$  in. light, blunt Season: 58 days

#### \*HORAL

Vine: 18 in. dk. Seed: very small, Pod: 2 in. blunt, light, Season: 72 days

double

Seed: very small, wrinkled

#### **HORSFORDS**

Vine: 28 in. heavy, dark Seed: med. wrinkled Pod: 3 in. light, blunt Season: 78 days Pod: 3 in. light, blunt

#### \*PERFECTION (Wisconsin)

Vine: 28 in. med. heavy, dk. Seed: med. wrinkled Pod:  $3\frac{1}{4}$  in. light, blunt Season: 72 days

#### \*PROFUSION

Vine: 3 ft. dk. heavy Seed: very large, wrinkled Pod: 3½ in. light, ptd. Season: 78 days



ROGERS DELICIOUS

# PEAS — CANNING



ROGERS FAMOUS

#### RICE'S No. 13

Vine: 3 ft. fairly dk. heavy Seed: med. wrinkled Pod:  $3\frac{1}{2}$  in. ptd. dk. curved Season: 84 days

#### \*SENATOR

Pod: 33/4 in. ptd.

Vine: 3 ft. light, coarse Seed: very large, wrinkled Season: 77 days

#### SURPRISE (Gregory)

Vine: 2 ft. slim, dark Vine: 2 ft. slim, dark Seed: med. wring Pod:  $2\frac{1}{2}$  in. light, blunt Season: 58 days

Seed: med. wrinkled

#### THOMAS LAXTON

Vine: 2½ ft. dk. med. Pod: 3½ in. dk. blunt

Seed: large, wrinkled Season: 62 days

#### \*WISCONSIN EARLY SWEET

Vine: 24 in. slim, med. dk. Pod: 2½ in. light, blunt

Seed: med. wrinkled Season: 58 days

# BEANS - DWARF WAX

#### BRITTLE WAX (Round Pod Kidney)

 $5\frac{1}{2}$  in. slightly curved deep yellow round meaty stringless pod. Season 62 days.

Canning variety.

#### **CURRIES RUST PROOF**

6 in. flat straight light yellow pod. Strings. Season 50 days.

#### DAVIS WAX (Old Style)

 $6\frac{1}{2}$  in. flat straight light yellow pod. Strings. Season 57 days.

#### DAVIS STRINGLESS WHITE WAX

6 to  $6\frac{1}{2}$  in. flat slightly curved light yellow stringless pod. Season 52 days.



BRITTLE WAX

# BEANS - DWARF WAX



ROGERS NEW ROUND POD STRINGLESS WAX

#### GOLDEN AGE WAX

6 to 7 in. round, fairly straight, brittle meaty stringless pod. Season 58 days.

#### HODSON WAX

 $6\frac{1}{2}$  in. fairly straight, flat yellow pod. Strings. Season 74 days.

#### PENCIL POD BLACK WAX

 $6\frac{1}{2}$  in. round, slightly curved deep yellow stringless pod. Season 59 days.

#### PROLIFIC BLACK WAX

 $4\frac{1}{2}$  in. round slightly curved yellow stringless pod. Season 52 days.

# BEANS - DWARF WAX

#### ROGERS IMPROVED KIDNEY WAX

6 in. oval straight deep yellow stringless pod. Season 62 days. Canning variety.

#### ROGERS NEW ROUND POD STGLS. WAX

4 in. slim round, yellow stgls. pod. Small white seed. Excellent whole or cut. Season 70 days. Canning variety.

#### RUSTLESS GOLDEN WAX

 $4\frac{1}{2}$  in. flat straight, yellow stringless pod. Season 54 days.

#### STRINGLESS REFUGEE WAX

 $4\frac{1}{2}$  in. round curved, yellow stringless pod. Season 58 days. Canning variety.



SURE CROP BLACK WAX

# BEANS - DWARF WAX



PENCIL POD BLACK WAX

#### SURE CROP BLACK WAX

 $6\frac{1}{2}$  in. flat, straight, deep yellow stringless pod. Season 62 days.

#### TOP NOTCH GOLDEN WAX

5 in. flat straight, yellow stringless pod. Season 50 days.

#### UNRIVALLED WAX

5 in. narrow, fairly straight fleshy yellow pod, nearly stringless. Season 53 days.

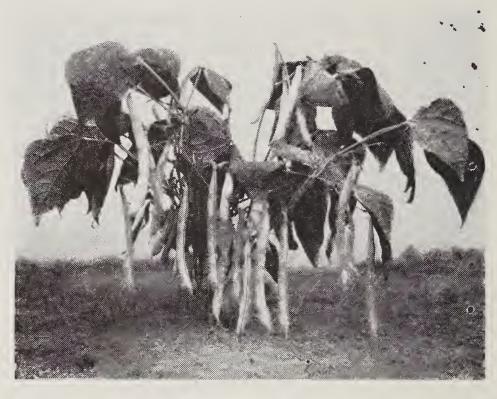
#### WARDWELLS KIDNEY WAX

 $6\frac{1}{2}$  in. flat, straight, deep yellow stringless pod. Season 58 days.

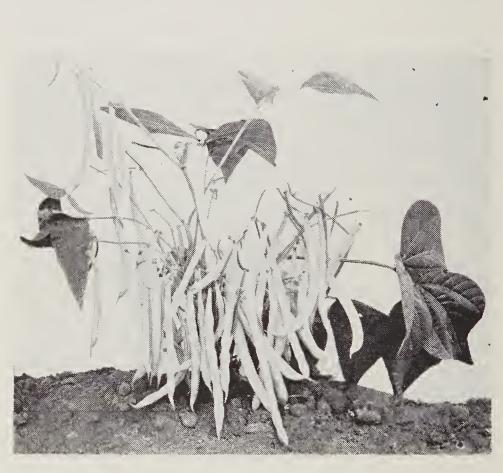
#### WEBBER WAX

6 in. flat, straight, deep yellow, stringless pod. Season 50 days.

# BEANS - DWARF WAX



ROGERS IMPROVED KIDNEY WAX



UNRIVALLED WAX

# NOTE—VARIETIES PRECEDED BY \* ARE WILT RESISTANT

# BEANS — DWARF GREEN



BOUNTIFUL

#### **BLACK VALENTINE**

6 in. slim straight, semi-round dark green pod. Strings. Season 54 days.

#### BOUNTIFUL

8 in. straight broad, flat light green stringless pod. Season 51 days.

#### **BURPEE'S STRINGLESS**

5 in. slightly curved, round green fleshy stgls. pod. Season 54 days.

Canning variety.

#### FRENCH HORTICULTURAL

7 in. broad, flat green pod streaked with red. Strings. Season 70 days.

#### **FULL MEASURE**

6 in. fairly straight, dark green round stgls. pod. Season 60 days.

Canning variety.

# GIANT STRINGLESS

6 in. round fairly straight, light green stgls. pod. Season 56 days.

Canning variety.

#### IDAHO MOSAIC RESISTANT REFUGEE

 $5\frac{1}{2}$  in. round, slightly curved, medium green stgls. pod. Season 66 days. Canning variety.

# BEANS - DWARF GREEN

#### LANDRETH'S STGLS. GREEN POD

6 to 7 in. fairly straight, round dark green stgls. pod. Season 54 days.

Canning variety.

#### LONGFELLOW

7 in. straight round, dark green pod. Strings. Season 59 days.

#### LOWE'S CHAMPION

5 in. flat broad, light green stringless pod. Season 58 days.

#### NEW STGLS. GREEN POD (Tendergreen)

 $5\frac{1}{2}$  to  $6\frac{1}{2}$  in. medium light, slightly curved, stgls. pod. Season 56 days. Canning variety.

#### RED KIDNEY (Dark)

5 in. broad, flat green pod. Strings. Season 62 days. Seed—mahogany red.

#### RED KIDNEY (Light)

 $6\frac{1}{2}$  in. wide flat green pod. Strings. Season 62 days. Seed—light red.

#### RED VALENTINE

6 in. fairly straight green pod. Strings. Season 54 days.

#### ROGERS STRINGLESS BLACK VALENTINE

6 in. fairly straight, round dark green stgls. pod. Season 55 days.



GIANT STRINGLESS

# BEANS - DWARF GREEN



IDAHO STRINGLESS REFUGEE

#### ROGERS STRINGLESS REFUGEE

 $5\frac{1}{2}$  in. round, slightly curved light green stgls. pod. Season 68 days. Canning variety.

#### RUBY DWARF HORTICULTURAL

5 in. broad flat light green, stgls. pod streaked with red. Season 58 days.

#### STRINGLESS BLACK VALENTINE

 $5\frac{1}{2}$  to  $6\frac{1}{2}$  in. slightly curved, flat or semi-flat stringless pod. Season 55 days.

#### STRINGLESS RED VALENTINE

5 in. curved round green stringless pod. Season 54 days.

#### TENNESSEE GREEN POD

8 in. flat, very broad dark green pod. Strings. Season 52 days.

#### WHITE KIDNEY

 $6\frac{1}{2}$  in. flat wide green pod. Strings. Season 72 days. Seed—white.

#### WHITE MARROW

 $4\,{}^{1\!/}_{2}$  in. semi-round pod. Strings. Excellent shell bean. Season 66 days.

# BEANS — DWARF GREEN



STRINGLESS BLACK VALENTINE - FLAT PODDED STRAIN



NEW STRINGLESS GREEN POD

# BEANS — DWARF GREEN



ROGERS STRINGLESS BLACK VALENTINE ROUND PODDED STRAIN

# CAULIFLOWER

Rogers Super Select Extra Early Snow Ball—an American product of our own growing and selection that has demonstrated its good qualities alongside the best imported strains.

# BEANS - POLE

#### **DUTCH CASE KNIFE**

Vine—4 ft. climber silvery green. Pod—9 in. straight, flat, stringy,  $\frac{7}{8}$  in. wide. Seed—flat, oval, curved, 65 per oz. Season 65 days.

#### GOLDEN CLUSTER WAX

Vine— $4\frac{1}{2}$  ft. yellowish green, crinkled leaf, climber. Pods—7 in. waxy yellow fleshy, stgls. flat curved. Seed—grayish white, oval, 70 per oz. Season 70 days.

#### IDEAL MARKET POLE

Vine— $3\frac{1}{2}$  ft. climber, fine foliage. Pods—5 in. round, slightly curved, silver green and stgls. when young. Seed—oblong, plump, jet black, 105 per oz. Season 60 days.

#### KENTUCKY WONDER (Brown)

Vine—climber, 5 ft. vigorous, leaves med. green, large and crumpled. Pods— $8\frac{1}{2}$  in. round, constricted, curved, silver green, brittle, almost stgls. Seed—Reniform, flat, oval, mahogany to buff brown, 88 per oz. Season 65 days.

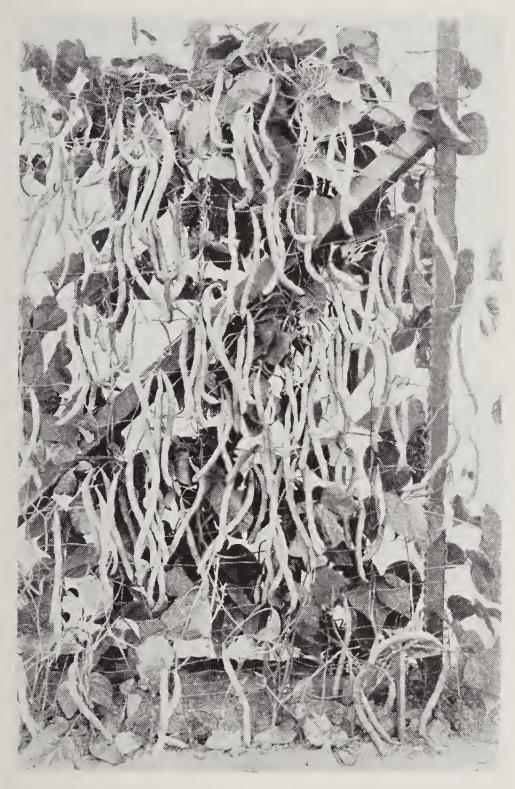
#### KENTUCKY WONDER (White)

Vine—climber, med. growth, 4 ft. open leaves, large, med. green. Pods—8 in. straight, round, stgls., fleshy, silver green. Seed—Reniform, round oval in cross section, very plump, white, 65 per oz. Season 62 days.



WHITE CREASEBACK

# BEANS - POLE



KENTUCKY WONDER

#### KENTUCKY WONDER WAX

Vine—open, good climber, dull green. Pods—8 in. flat, fleshy, curved, glossy yellow. Seed—flat, wrinkled, chocolate, 85 per oz. Season 70 days.

#### KING MAMMOTH HORTICULTURAL

Vine—rangy, gray-green, becoming green as plant gets older, climber. Pods—7 in. flat, bladelike, green becoming splashed with red late in season. Seed—large, irregularly oval, plump, hollow centered, cream splashed with oxblood, 35 per oz. Season 85 days to green shell beans.

#### LAZY WIFE

Vine—climber, 4 ft. bright green. Pods—6 in. flat-oval, straight, stgls. Seed—white, round, 65 per oz. Season 73 days.

# BEANS - POLE

#### LONDON HORTICULTURAL

Vine—compact,  $4\frac{1}{2}$  ft. flowers pink, climber. Pods—7 in. oval, straight, stgls. fibreless. Seed—buff with dark red markings, almost round, 55 per oz. Season 70 days.

#### **McCASLAN**

Vine—4 ft. good climber, bright green. Pods— $7\frac{1}{2}$  in. dark green, flat-oval, curved, stgls. Seed—white, long, kidney-shape, 80 per oz. Season 65 days.

#### MISSOURI WONDER

Vine—climber, large, dark green crumpled leaves, white flower. Pods—7 in. constricted, dark green, stringy, somewhat tough. Seed—flat-oval, cinnamon splashed with olive green, 65 per oz. Season 70 days.

#### RED SPECKLED CUT SHORT

Vine—5 ft. dull green, climber, extremely hardy. Pods—4 in. straight, round, dark green, almost stgls. Seed—mottled, purplish-gray, round, truncate, 100 per oz. Season 74 days.

#### SCARLET RUNNER

Vine—12 ft.\* rank, open, gray-green. Pods—8 in. flat oval, straight, thick, coarse and rough surface. Seed—plump, long oval, bluish-violet, mottled with blue-black, 25 per oz. Season 90 days.

#### STRIPED CREASEBACK

Vine— $4\frac{1}{2}$  ft. climber, dark green, purple stems, very hardy. Pods—7 in. medium green, round, straight somewhat stringy. Seed—plump, oval, tan with black stripes, 105 per oz. Season 70 days.

#### TENNESSEE WONDER

Vine—climber, green foliage, purplish stems, flowers bluishpink. Pods—straight, gray-green, creaseback, double barreled, somewhat stringy. Seed—brownish-gray, dark gray stripes, kidney shape, 70 per oz. Season 71 days.

#### WHITE CREASEBACK

Vine—4 ft. dull green, climber, white flowers. Pods—6 in. slightly curved, round, med. dark green, stgls. when young. Seed—ivory white, round, oval. Season 68 days.

#### WHITE DUTCH RUNNER

Vine—12 ft. open, rank, gray green. Pods—8 in. flat oval, thick, straight rough, gray-green, coarse. Seed—white, plump, long oval, smooth, 20 per oz. Season 90 days.

#### YARD LONG

Vine—6 ft. cowpea type, rank, dark green, curly leaf. Pods—18 to 26 in. tough except when young, light green. Seed—reddish brown to tan, oblong, plump, 194 per oz. Season 70 days.

# BEANS - POLE LIMA

#### CARPINTERIA POLE LIMA

Vine—8 to 10 ft. bright dark green. Pods— $5\frac{1}{2}$  in. curved flat, 3 to 5 beans. Seed—large, 25 per oz. green tinted to creamy white, smooth, as plump as Ideal Pole Lima, semi-circular. Season 88 days.

#### CHALLENGER

Vine—12 ft. very rank dark green, gray-green markings on leaf. Pods— $4\frac{1}{2}$  in. straight backed, thick, plump, 3 to 4 beans. Seed—potato type, dimpled, green tinted, 35 per oz. Season 90 days.

#### FLORIDA BUTTER

Vine—8 to 10 ft. bright dark green. Pods— $3\frac{1}{2}$  in. curved, flat, 2 to 4 beans. Seed—small, 90 per oz. cream streaked with deep violet and purplish-brown. Season 90 days.

#### GIANT PODDED

Vine—10 to 12 ft. rank, good climber, dark green. Pods—6 to 8 in. flat, very wide and curved, 3 beans. Seed—very large, flat, smooth, white, 20 per oz. Season 90 days.

#### IDEAL POLE LIMA

Vine—8 to 10 ft. dark bright green. Pods— $5\frac{1}{2}$  in. curved, flat, 3 to 5 beans. Seed—large, 25 per oz. smooth, more plump than common lima or Burpee Bush, creamy white, semi-circular in shape. Season 88 days.

#### KING OF THE GARDEN

Vine—8 to 10 ft. bright dk. green. Pods— $5\frac{1}{2}$  in. curved, flat, 3 to 5 beans. Seed—large, 25 per oz. green tinted to creamy white, smooth, as plump as Ideal Pole Lima, semi-circular. Season 88 days.

#### LARGE WHITE LIMA

Vine—8 to 10 ft. bright dark green. Pods— $5\frac{1}{2}$  in. curved, flat, 3 to 5 beans. Seed—large, 25 per oz. green tinted to creamy white, smooth, as plump as Ideal Pole Lima, semi-circular. Season 88 days.

#### LEVIATHAN

Vine—8 to 10 ft. dark green, good climber. Pods— $5\frac{1}{2}$  in. curved, flat, 3 to 5 beans. Seed—elongated, flat, white and smooth, 25 per oz. Season 90 days.

# BEANS - POLE LIMA

#### **SIEBERTS**

Vine—8 to 10 ft. med. dark green, rank, good climber. Pods— $5\frac{1}{2}$  in. 3 to 5 beans, flat curved. Seed—large, 25 per cz. white fairly smooth and very flat. Season 90 days.

#### SIEVA

Vine—8 to 10 ft. rank, green foliage, good climber. Pods—3 in. curved, flat, 2 to 4 beans. Seed—small, 90 per oz. white, flat, smooth. Season 75 days, continuous bearer.

#### WILLOW LEAF

Vine—bright green, narrow, pointed leaves, good climber. Pods— $3\frac{1}{2}$  in. curved, flat, 3 to 4 beans. Seed—small, 95 per oz. white, smooth. Season 75 days.

#### WOOD'S IMPROVED

Vine—8 ft. med. dark green, good climber. Pods— $3\frac{1}{2}$  in. curved, flat, 2 to 4 beans. Seed—intermediate in size, 60 per oz. white, flat, smooth. Season 78 days.



# BEANS - BUSH LIMA

#### BURPEE BUSH

Bush—compact, runnerless, dark green, 20 in. Pods—5 in. flat, curved, 3 to 4 beans. Seed—large, 25 per oz. flat, wrinkled, dingy white with brownish lines radiating from hilum. Season 75 days to green beans.

#### BURPEE IMPROVED

Bush—compact, erect, runnerless, dk. green, 20 in. Pods— $5\frac{1}{2}$  in. curved, flat but less so than Burpee Bush. 3 to 5 beans. Seed—large, 23 per oz. creamy white, somewhat flat, dimpled. Season—75 days to green beans.

#### DREER'S BUSH

Bush—18 in. stocky, runnerless, narrow, dk. gray-green leaf. Pods— $4\frac{3}{4}$  in. straight backed, thick, plump, 2 to 4 beans. Seed—potato type, green tinted to creamy white, dimpled, 26 per oz. Season 80 days.

#### FORDHOOK

Bush—compact, erect, 19 in. gray-green. Pods—5 in. straight to recurved, thick, plump, 3 to 5 beans. Seed—potato type, dimpled, greenish-white, 21 per oz. Season 75 days to green beans.

# BEANS — BUSH LIMA

#### HENDERSON BUSH

Bush—erect, runnerless, dk. glossy green, 16 in. Pods— $3\frac{1}{2}$  in. curved, flat, dk. green, 3 to 4 beans. Seed—small, 90 per oz. white, flat. Season 65 days to green beans.

#### JACKSON WONDER

Bush—erect, runnerless, 16 in. dk. glossy green. Pods— $3\frac{1}{2}$  in. flat, curved, 2 to 4 beans. Seed—small, 75 per oz. flat, cinnamon splashed with deep violet. Season 65 days.

#### McCREA'S LIMA

Bush—erect, runnerless, dk. glossy green, 16 in. Pods—3½ in. curved, thick round, oval in cross section. Gray green, 3 to 5 beans. Seed—potato type, wrinkled, green tinted, truncate, 43 per oz. Season 75 days to green beans.

#### WOOD'S PROLIFIC

Bush—erect, runnerless, 16 in. dk. glossy green. Pods— $3\frac{1}{2}$  in. flat, curved, 2 to 4 beans. Seed—small white, flat, 75 per oz. Season 65 days.



# **SWEET CORN**

#### ADAMS EXTRA EARLY (First of All)

Ears: 6 to 7 in. long with 12 to 14 rows of white kernels, fairly sweet, become smooth when ripe. Stalk: 5 to 6 it. Season: 80 to 83 days, hardy, used largely in the South.

#### \*BURBANK BANTAM

Ears: 7 to 8 in. long, 12 to 14 rows of deep yellow kernels. Equal in flavor to 8 row Bantam. Stalk: 5 to 6 feet. Season: 80 to 85 days. Excellent for whole kernel pack or market garden use. Gaining favor.

#### \*BURBANK BANTAM TOP CROSS HYBRID

Ears: 8 to 9 in. long, 12 to 14 rows of well colored yellow kernels. Fine flavor. Stalk: 5 to 6 ft. thrifty, vigorous. Season: 86 to 90 days. Nice uniformity, resistant and hardy. Is repeating where tried by canners and market gardeners.

#### \*CHAPMAN'S GOLDEN

Ears: 8 in. long, 10 to 14 rows of medium gold kernels. Stalks: 5 to 6 ft. sturdy, similar to Golden Cross stalk. Season: 86 to 90 days. Slightly earlier than Golden Cross. New corn, well received.

# **SWEET CORN**

#### COUNTRY GENTLEMAN

Ears: 7 to 8 in. long, cob small covered with long, slender white kernels, without row formation. Stalk: 6 to 7 feet. Season: 95 to 105 days. Slightly later than Stowells Evergreen. An especially fine strain with excellent quality, selected for evenness of maturity.

#### CROSBY, MINNESOTA 287

Ears: 6 to 7 in. long, 16 rows of short, sweet, tender, white kernels. Stalk: 5 to  $5\frac{1}{2}$  ft., ears well up, taller stalk than Maine Crosby. Season: 80 to 84 days, selected for earliness and uniformity. A well known strain for canning.

#### EARLY EVERGREEN

Ears: 8 in. long, 14 to 18 rows of sweet, white, tender kernels. Stalk: 6 to 7 feet. Season: 90 to 95 days. A good white corn especially for the more northern districts. Selected and bred toward better uniformity.



Collecting Pollen Preparatory to Making a "Self"

#### Minnesota and Indiana Corn

# **SWEET CORN**



Fertilizing the Ear

#### GOLDEN BANTAM

Ears: 6 to 7 in. long, 8 rows of rather broad, deep yellow kernels. Flavor exceptionally rich. Stalk: 4 to 5 feet. Season: 80 to 83 days. A strong hardy strain, approved by canner and market gardener for its quality and yielding ability.

#### \*GOLDEN CROSS HYBRID

Ears: 8 to 10 in. long, 10 to 14 rows of light golden kernels. Fine flavor and quality. Stalk: 5 to 6 feet, dark foliage. Season: 85 to 90 days. Very uniform in both ear size and maturity. A popular hybrid produced by crossing pure lines of Purdue Bantam and Purdue Inbred No. 51. Selected toward earliness.

#### GOLDEN or BANTAM EVERGREEN

Ears: 9 in. long, 12 to 14 rows of kernels, general appearance of Stowells except is yellow color. Flavor better than Stowells. Stalk: 6 to 7 ft. Season: 85 to 90 days.

#### GOLDEN GIANT

Ears: 7 to 8 in. long, 10 to 14 rows of kernels, pointed and usually smaller than Bantam. Stalk: 4 to 5 feet. Season: 80 to 85 days. A cross between Howling Mob and Golden Bantam.

# **SWEET CORN**

#### GOLDEN SUNSHINE

Ears: 6 to 7 in. long, 10 to 12 rows of light yellow kernels. Stalk: 4 to 5 feet. Season: 72 to 76 days. For market and home gardeners.

#### HOWLING MOB

Ears:  $6\frac{1}{2}$  to 7 in. long, 12 to 14 rows of deep, medium size white kernels, sweet and well flavored. Stalk: 5 to 6 feet. Season: 86 to 92 days, a fine large eared white sort of midseason maturity.

#### NARROW GRAIN EVERGREEN

Ears: 8 to 9 in. long, 18 to 20 rows of deep, narrow white kernels. Fine quality. Stalk: 6 to 7 ft. Same appearance as Stowells. Season: 95 to 105 days, slightly earlier than Stowells. Carefully selected for uniformity and yield. A superior strain.



Pinning Bag on the Ear After Hand-Pollination

Has Been Completed

#### Minnesota and Indiana Corn

# SWEET CORN



Examining for Silk Emergence Under Cellophane Ear Shoot

#### SIXTY DAY GOLDEN

Ears: 6 to 7 in. long, 10 to 12 rows of golden kernels, ears slightly pointed. Stalk: 3 feet. Season: 60 days. Good quality, very early, and repeating with market gardeners. A cross between Golden Bantam and 60 Day White. Plant on best soils.

#### SIXTY DAY WHITE

Ears: 6 to 7 in. long, 10 to 12 rows of white kernels of good quality. Stalk: 3 feet. Season: 60 days. Selected from many early strains of white corn because of its quality and satisfactory yield when planted in good soil.

#### STOWELLS EVERGREEN

Ears: 8 to 9 in. long, 16 rows of deep white kernels of good quality and sweetness. Stalk: 7 ft. sturdy growth. Season: 95 days to 105 days. Very popular late sort. This strain bred for a slightly more narrow kernel and better uniformity than the old strains. Approved by canners and market gardeners.

#### WHIPPLES EARLY YELLOW

Ears: 7 to 8 in. long, 12 to 16 rows of broad deep kernels. Very sweet, fine quality. Stalk: 6 feet. Season: 78 to 82 days. In demand by market gardeners.

# SWEET CORN



GOLDEN CROSS - HYBRID



EARLY CROSBY

# SEEDS OF QUALITY

#### **PEAS**

The breeding and growing of peas for seed is a business in which we have specialized for 61 years. That experience is worth something; it is back of every bag of seed we send out—and it is your assurance of quality.

WE GROW PEAS ONLY IN THE WEST.

#### **BEANS**

Do best in the West, where the long sunshiny days, clean soil, and life-giving waters of irrigation combine to make an ideal situation for the development of disease resistant strains.

WE GROW BEANS ONLY IN THE WEST

#### SWEET CORN

Northern-grown sweet corn seed is famous for hardiness and vitality. It makes a beautiful sample and does well in any climate.

WE GROW THE BULK OF OUR CORN IN MINNESOTA AND THE BALANCE IN SELECTED CENTRAL WESTERN TERRITORY.

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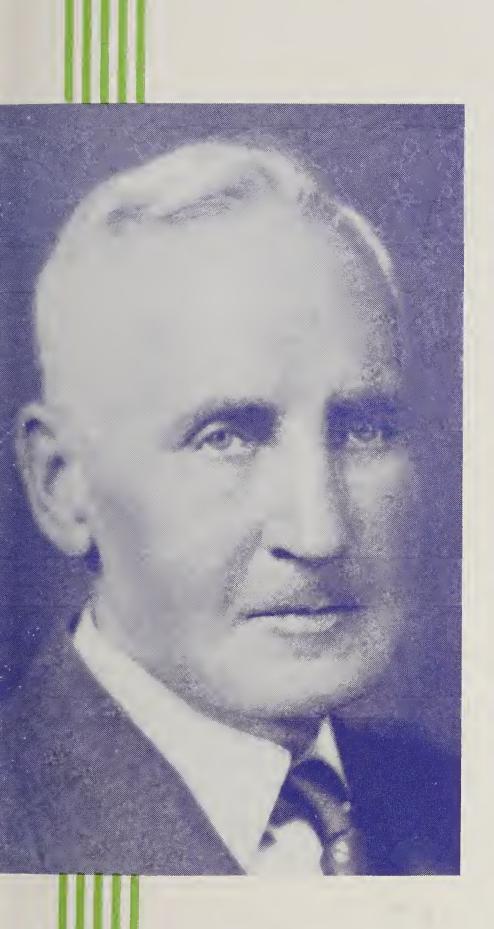




T. T. ''BUD'' HOPKINS







Austin L. Rogers

President

Founder



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